AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) An electronic ballast for a fluorescent lamp having a power supply, a power supply unit, a DC transformation unit ~~200~~ and a lamp driving unit, being characterized in that:

the lamp driving unit ~~400~~ comprises:

a power separator ~~410~~ for separating a DC power supplied from the DC transformation unit ~~200~~ into a lamp power and a circuit driving power;

a constant-voltage unit ~~420~~ for making the circuit driving power supplied from the power separator ~~410~~ a constant voltage;

a switching signal generator ~~430~~ that is driven by the power supplied from the constant-voltage unit ~~420~~, for generating a pulse width modulation (PWM) signal corresponding to a capacitance of a lamp connected thereto to drive lamps having different capacitances or a plurality of lamps;

a first transformer ~~440~~ for inducing the signal outputted from the switching signal generator ~~430~~ to a secondary side;

first and second field effect transistors T1 and T2 for performing a switching operation corresponding to the output signal from the secondary side of the first transformer ~~440~~, in order to generate a high voltage for turning on the fluorescent lamp;

second and third transformers ~~450 and 460~~ for generating a high voltage corresponding to the switching operation of the first and second field effect transistors T1 and T2; and

a plurality of bulbs ~~471 and 472~~ for turning on the lamp (CF lamp) using the high voltage generated by the second and third transformers ~~450 and 460~~.

2. (Currently Amended) The electronic ballast claimed in claim 1, wherein the electronic ballast is surrounded and protected by a case ~~1210~~ having a hole ~~1220~~ through which a lighting fixture ~~can be easily~~ is coupled at the center of the case.

3. (Canceled)

4. (Currently Amended) An electronic ballast for a fluorescent lamp having a power supply, a power supply unit and a DC transformation unit, comprising:

a DC power boosting unit for boosting a power supplied from the

DC transformation unit; and

a lamp driving unit for selectively turning on a plurality of lamps (fluorescent lamps) using the voltage outputted from the DC power boosting unit ~~The electronic ballast claimed in claim 3~~,

wherein the DC power boosting unit ~~800~~ comprises:

a constant-voltage unit ~~810~~ for making the DC power supplied from the DC transformation unit ~~500~~ a constant voltage;

a step-up controller ~~820~~ that is driven by the power supplied from the constant-voltage unit ~~810~~ to generate a switching signal for DC power step-up;

a field effect transistor T1 for performing a switching operation corresponding to the switching signal outputted from the step-up controller ~~820~~; and

a step-up transformer ~~830~~ for boosting the DC power outputted from the DC transformation unit ~~500~~ corresponding to the operation of the field effect transistor T1.

5. (Currently Amended) An electronic ballast for a fluorescent lamp having a power supply, a power supply unit and a DC transformation unit, comprising:

a DC power boosting unit for boosting a power supplied from the DC transformation unit; and

a lamp driving unit for selectively turning on a plurality of lamps (fluorescent lamps) using the voltage outputted from the DC power boosting unit ~~The electronic ballast claimed in claim 3~~,

wherein the ~~DC power the booster~~ ~~800~~ lamp driving unit comprises:

a constant-voltage unit ~~910~~ for making the DC power supplied through an anti-backward current diode D7 a constant voltage;

a switching signal generator ~~920~~ that is driven by the power supplied from the constant-voltage unit ~~910~~, for generating a pulse width modulation (PWM) signal corresponding to a capacitance of a lamp connected thereto to drive lamps having different capacitances or a plurality of lamps;

a first transformer ~~931~~ for inducing the signal outputted from the switching signal generator ~~920~~ to a secondary side;

first and second field effect transistors T2 and T3 for performing a switching operation corresponding to the output signal from the secondary side of the first transformer ~~931~~ in order to generate a high voltage for turning on the fluorescent lamp;

second and third transformers ~~932 and 933~~ for generating a high voltage corresponding to the switching operation of the first and second field effect transistors T2 and T3; and

a plurality of bulbs ~~bulb 941 and 942~~ for turning on the lamp (CF lamp) using the high voltage generated by the second and third

transformers ~~932 and 933~~.

6. (Currently Amended) The electronic ballast claimed in claim ~~3~~ 4, wherein the electronic ballast is surrounded and protected by a case ~~1210~~ having a hole ~~1220~~ through which a lighting fixture ~~can be easily~~ is coupled at the center of the case.

7. (New) The electronic ballast claimed in claim 5, wherein the electronic ballast is surrounded and protected by a case having a hole through which a lighting fixture is coupled at the center of the case.